

FIG. 1

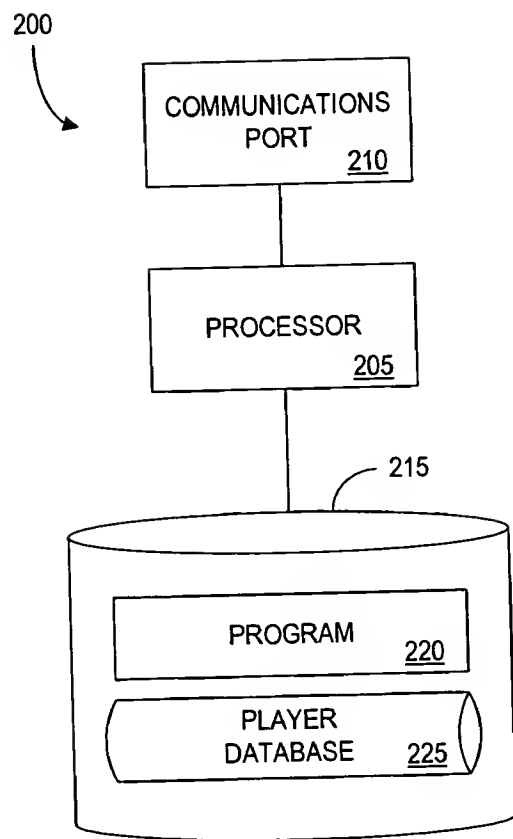


FIG. 2

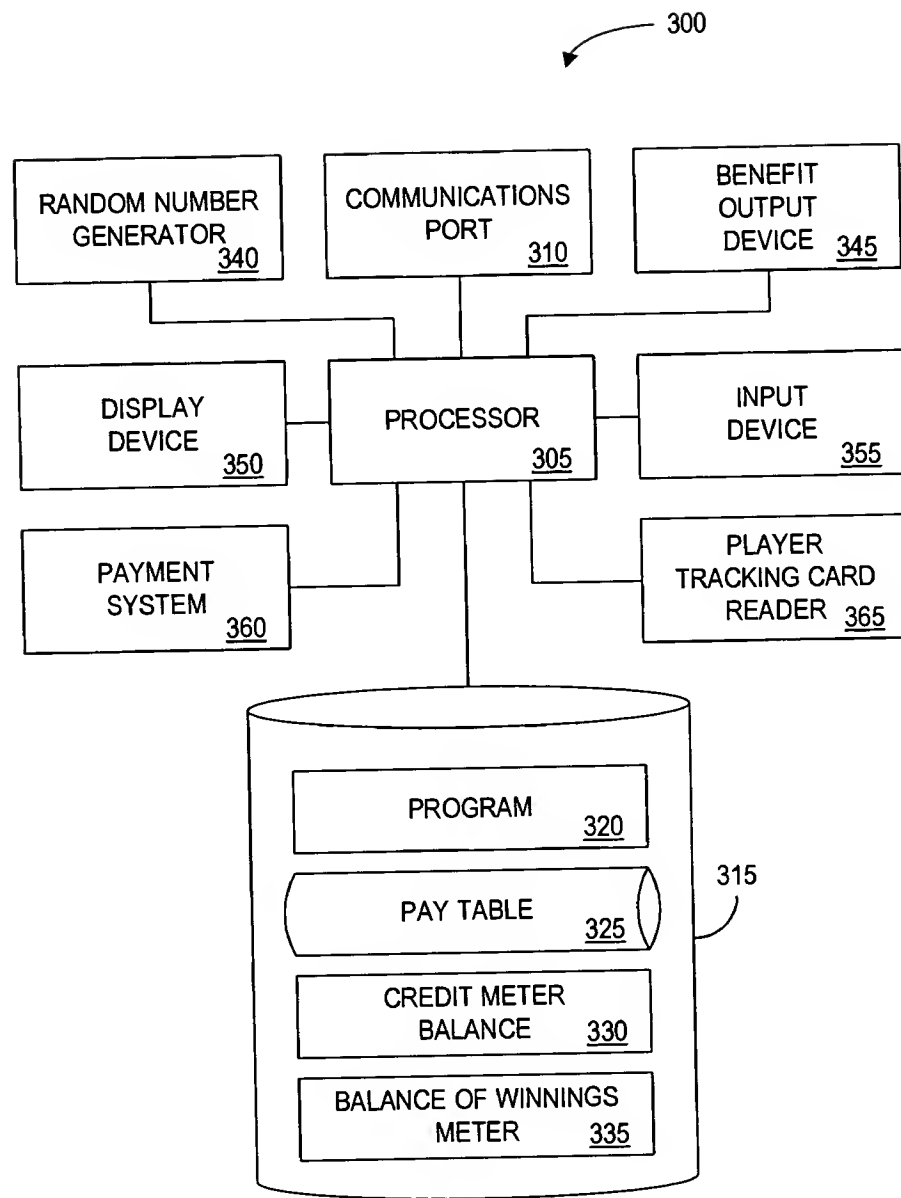


FIG. 3

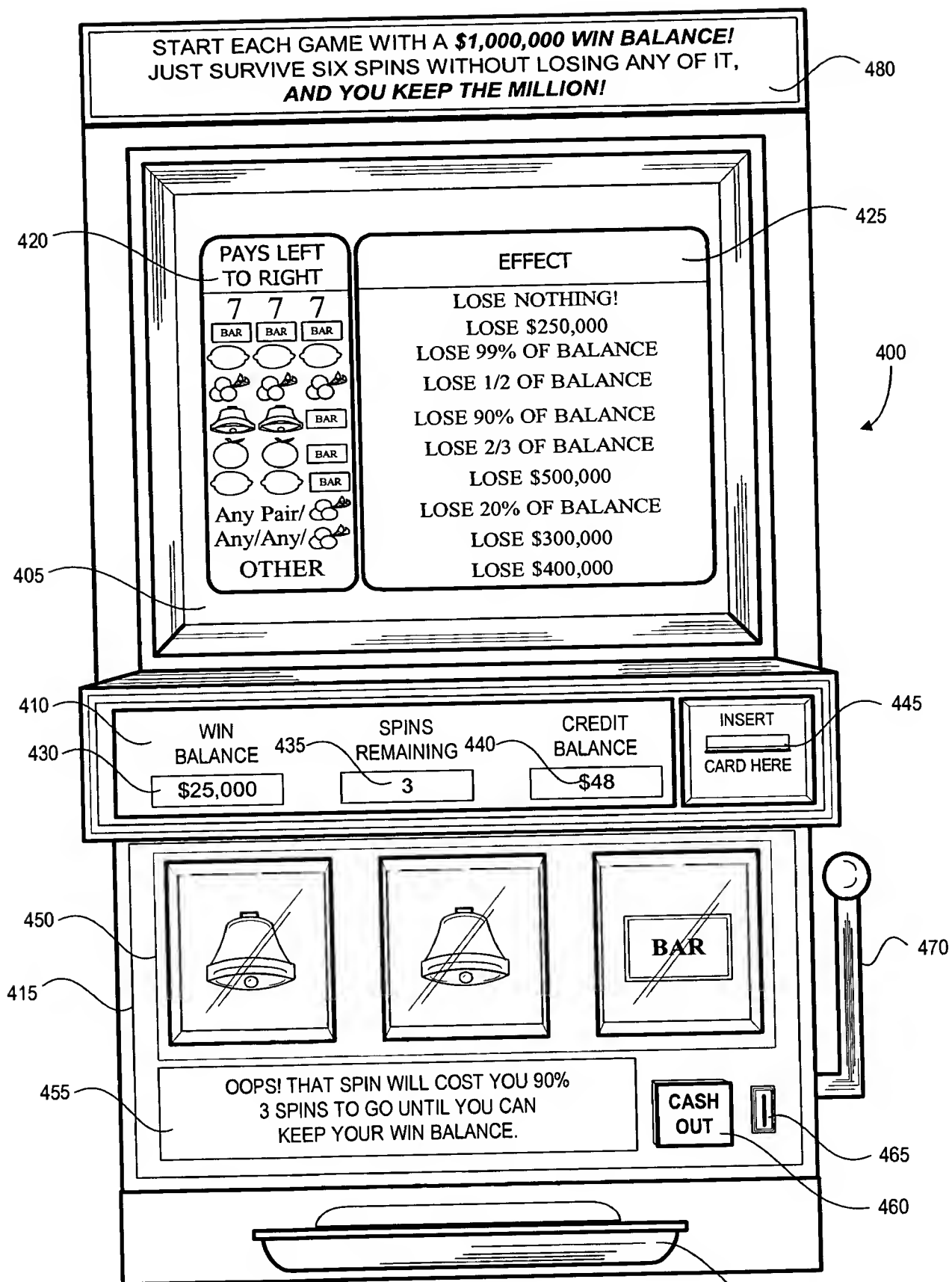


FIG. 4

500

PLAYER IDENTIFIER 505	NAME 510	ADDRESS 515	FINANCIAL ACCOUNT IDENTIFIER 520	DEMOGRAPHIC 525
P111123	SAM BROWN	ANYPLACE, USA	1111-1111-1111-1111	MALE, AGE 23
P222234	LINDA JONES	SOMEPLACE, USA	2222-2222-2222-2222	FEMALE, AGE 47

500 (CONT.)

PRIVILEGE(S) 530	LIFETIME COIN IN 535	LIFETIME THEORETICAL WIN / (LOSS) 540
AVOID A SPIN, STOP AFTER TWO SPINS	\$600	\$54
RECOVER ORIGINAL WIN BALANCE (NOT VALID AFTER TWO SPINS), DOUBLE WIN BALANCE	\$14,400	\$720

FIG. 5

600 →

OUTCOME 605	EFFECT 610	PROBABILITY 615
BAR-BAR-BAR	DIVIDE WIN BALANCE BY 3	8/20
BAR-7-BAR	DIVIDE WIN BALANCE BY 10	3/20
BAR-BAR-7	TAKE 90% OF THE WIN BALANCE	3/20
7-BAR-BAR	SUBTRACT 300 FROM THE WIN BALANCE	3/20
7-BAR-7	SUBTRACT 900 FROM THE WIN BALANCE	2/20
7-7-7	NO EFFECT	1/20

FIG. 6

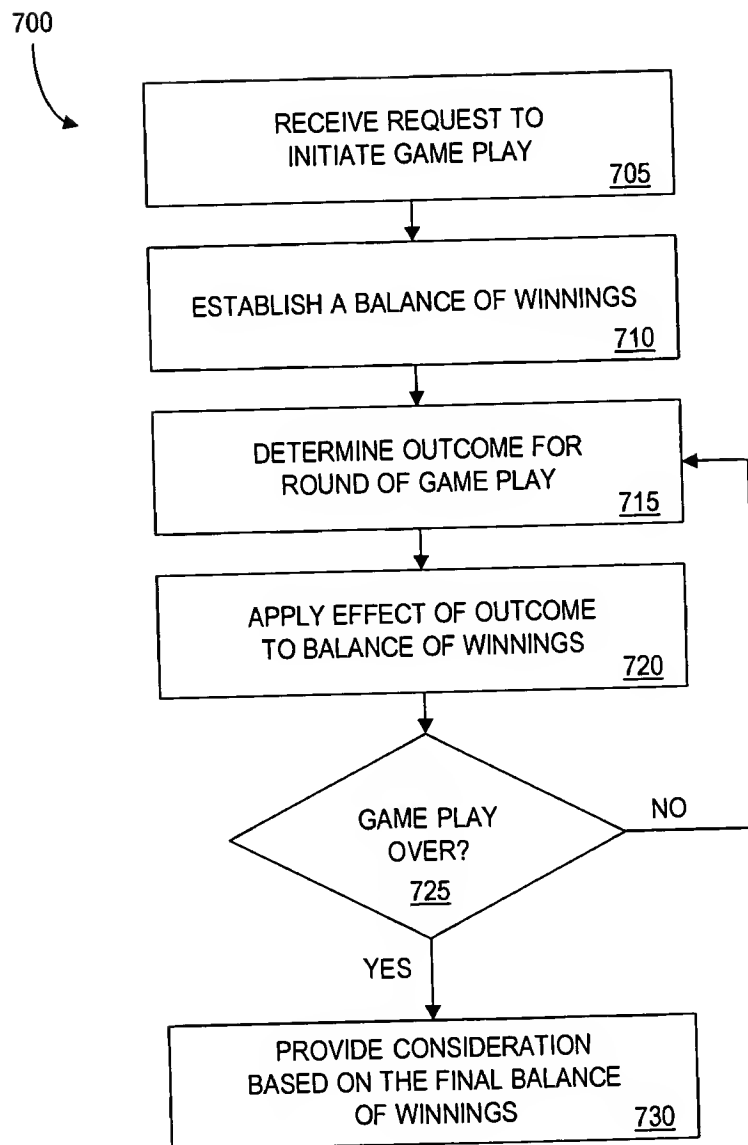


FIG. 7

800

	PAIRS OF OUTCOMES FOR GAME PLAY <u>805</u>	PROBABILITY OF THE PAIR OCCURRING <u>810</u>	REDUCTION TO BALANCE OF WINNINGS <u>815</u>	EXPECTED REDUCTION TO BALANCE OF WINNINGS <u>820</u>
R801	AA	$P(A)P(A) = 1/2 * 1/2 = 1/4$	$L(A)+L(A) > 5$ → 5	$1/4 * 5 = 5/4 = 1.25$
R802	AB	$P(A)P(B) = 1/2 * 1/4 = 1/8$	$L(A)+L(B) > 5$ → 5	$1/8 * 5 = 5/8 = 0.625$
R803	AC	$P(A)P(C) = 1/2 * 1/4 = 1/8$	$L(A)+L(C) = 5$ → 5	$1/8 * 5 = 5/8 = 0.625$
R804	BA	$P(B)P(A) = 1/4 * 1/2 = 1/8$	$L(B)+L(A) > 5$ → 5	$1/8 * 5 = 5/8 = 0.625$
R805	BB	$P(B)P(B) = 1/4 * 1/4 = 1/16$	$L(B)+L(B) = 4$ → 4	$1/16 * 4 = 1/4 = 0.25$
R806	BC	$P(B)P(C) = 1/4 * 1/4 = 1/16$	$L(B)+L(C) = 2$ → 2	$1/16 * 2 = 1/8 = 0.125$
R807	CA	$P(C)P(A) = 1/4 * 1/2 = 1/8$	$L(C)+L(A) = 5$ → 5	$1/8 * 5 = 5/8 = 0.625$
R808	CB	$P(C)P(B) = 1/4 * 1/4 = 1/16$	$L(C)+L(B) = 2$ → 2	$1/16 * 2 = 1/8 = 0.125$
R809	CC	$P(C)P(C) = 1/4 * 1/4 = 1/16$	$L(C)+L(C) = 0$ → 0	$1/16 * 0 = 0$
TOTAL EXPECTED REDUCTION TO BALANCE OF WINNINGS FOR A GAME PLAY:				4.25 <u>825</u>
EXPECTED BALANCE OF WINNINGS FOR A GAME PLAY:				$= W_0 - 4.25$ $= 5 - 4.25$ $= 0.75$ <u>830</u>

FIG. 8

INITIAL BALANCE OF WINNINGS: \$1,000,000 905		WAGER: \$10 955	
EFFECT OF OUTCOME 910	PROBABILITY OF OUTCOME 915	NUMBER OF ROUNDS 960	PRIZE 965
DIVIDE BW BY 3	0.40	24	\$0
DIVIDE BW BY 10	0.15	5	\$1
TAKE SQUARE ROOT OF BW	0.15	6	\$3
DEDUCT \$300,000 FROM BW	0.15	7	\$6
DEDUCT \$900,000 FROM BW	0.10	8	\$12
NO CHANGE IN BW	0.05	9	\$18
		10	\$25
		11	\$40
		12	\$100
		> 12	\$2,000

FIG. 9